

Listing of the Claims

1-11. (Canceled)

12. (Currently Amended) A speech system, comprising:

a speech engine configured to recognize commands from a user and make announcements to the user;

a speech server having a speech server interface through which multiple speech-enabled applications communicate with the speech system, and a speech application programming interface through which the speech server communicates with the speech engine, wherein the speech server manages concurrent processing of interactions submitted by the speech-enabled applications while allowing each speech-enabled application to utilize a different speech recognition grammar;

a grammar table for each grammar used by the speech-enabled applications, each grammar table containing one or more grammar attributes for the grammar with which it associated; and

wherein a static flag value specifying a grammar attribute in each the grammar table, ~~is a static flag that, if~~ when set, indicates that the grammar associated with the grammar table is a static grammar that cannot be changed after the grammar table is stored in the speech system.

13-21. (Canceled)

22. (Allowed) A method, comprising:

receiving a speech interaction from a speech-enabled application;
identifying a speech grammar associated with the speech interaction;
processing the speech interaction according to grammar attributes contained
in a grammar table associated with the identified speech grammar; and
wherein a grammar attribute included in the grammar table is a static flag
that, when set, indicates that the speech grammar associated with the grammar
table may not be changed after the speech grammar is committed.

23-36. (Canceled)

37. (Currently Amended) A speech server interface exposed by a speech
system for use by one or more speech-enabled applications, comprising an advise
speech events method used by a speech-enabled application to let the speech
system know that the speech-enabled application is listening for speech
recognition events;

an unadvise speech events method used by a speech-enabled application to
let the speech system know that the speech-enabled application is not listening for
speech recognition events;

a create grammar method that is used to load an existing grammar used by a
speech-enabled application or to load a new grammar for the speech-enabled
application;

a get grammar identifier method that is used to obtain a value uniquely
associated with the loaded grammar;

a remove grammar method that is used to remove a grammar from the speech system;

a persist method that a speech-enabled application uses to persist a grammar used by the speech-enabled application;

a yield-to-grammar method used by a speech-enabled application to make yielding grammars in the speech system yield to the grammar used by the speech-enabled application;

an unyield-to-grammar method used by a speech-enabled application to make other yielding grammars unyield;

a commit method used to commit a grammar to the speech system;

a get rule method used by the speech system to construct and control individual rules in a grammar;

a create new state method used by the speech system to create new states in a grammar;

an add word transition method used to add a transition between two states on a word;

an add rule transition method used to add a transition between two states on a rule;

a set rule state method used to activate and de-activate rules;

a set grammar state method used to activate and de-activate grammars;

a get grammar state method used to get a grammar state;

a get recognition method used to get a recognition that has occurred;

a get alternate method used to get alternates to a recognition that has occurred;

a turn speech recognizer on method that is used by a speech-enabled application to activate a speech recognizer in the speech system;

a turn speech recognizer off method that is used by a speech-enabled application to deactivate a speech recognizer in the speech system;

a get recognizer state method used to get a speech recognizer state;

an advise SAPI event method used to pass in a sink that is called when an event that is advised for occurs, wherein SAPI is a speech application programming interface which enables a speech server in the speech system to communicate with a speech engine;

an unadvise SAPI event method used to let the speech system know that a sink used with the advise SAPI event method is no longer interested in SAPI events;

a get recognition context method used to get a speech recognition context pointer from a speech engine in the speech system; and

a get voice method used to get a voice pointer from the speech engine.